

1991

INFRA[®]

Safe Sewage System

POLYETHYLENE SEPTIC TANK





HOUSES



SOCIETY & APARTMENTS



DHABA AND RESTAURANT



INDUSTRY & CONSTRUCTION SITE

INSTALLATION GUIDE

- Excavate as per dia and height of the tank with an addition of 110 mm around the tank area.
- Excavate with taper from bottom to top as per installation drawing.
- Provide firm base at the bottom of the tank.
- Drill necessary holes by appropriate drilling tools and not by inserting hot pipe.
- Install the tank on the firm base.
- Connect all the pipes
- Fill the tank with water to the top.
- Fill up gravel and soil around the tank.
- Install vent pipe near the inlet.
- Ensure all manholes of the tank is above the ground level.

MAINTENANCE

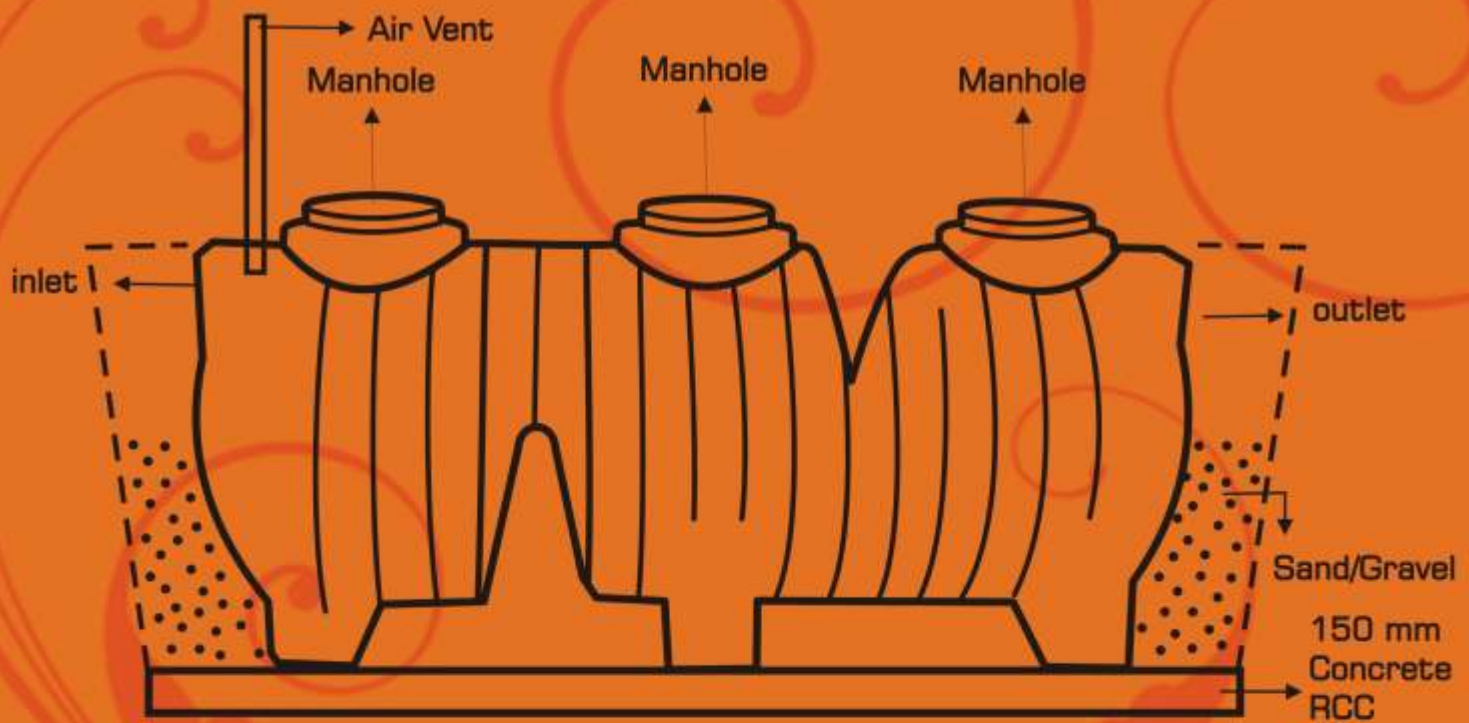
- Substantial manholes provided for periodical inspection and cleaning of tank in all the three compartments.
- The polyethylene structure ensures smooth surface for regular maintenance and periodical cleaning of the tank.
- Vent pipe has to be cleaned periodically.
- Ensure the lid is fitted properly every time it is opened for maintenance.

CHARACTERISTICS

- The Polymer used in tank has excellent ESCR property to withstand changing weather throughout the year.
- The design of the product and the polymer used is to ensure the tank has longer life over and below the ground.
- Prevents Cockroach breeding due to its super smooth surface compared to conventional Septic tanks.
- Doesn't contaminate ground water compared to conventional materials.
- Seamless tank construction stops contamination as no leakage of soiled water.
- Ready to install in any climate, hence no gestation period or curing time required.
- Can be reinstalled and shifted to different location.

APPLICATION

- Septic tanks are used below the ground for single and Multiple household apartments, Roadside Dhaba & Restaurants, Construction site & Industries, Resorts & Golf course.
- Multiple Individual Septic tank can be installed.



Models	IST - 1	IST - 2
Capacity	12 - 15 Flushing / Day	25 - 30 Flushing / Day
Length	2240 mm	2320 mm
Diameter	750 mm	850 mm
No of Manholes	3	3
Size of Manholes	300 mm (Dia)	300 mm (Dia)
No. of Chambers	3	3
Dia of inlet & outlet	110 mm	110 mm
Air vent	50 mm	50 mm



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